

Serial No. 09/801,589

David H. Evans

Page 15 of 21

Section II:
AMENDMENT UNDER 37 CFR §1.121 to the
SPECIFICATION

In the specification, please replace the paragraph beginning on Page 6, line 13, with "New JPDA features include the ..." with the following paragraph:

New [[JPDA]] JPDA features include the ability to exclude classes while stepping, modify Java variables, use deferred breakpoints, create watchpoints, display thread names, attach to running processes, and set breakpoints at arbitrary bytecode addresses. JPDA also allows for capturing output from applications for display by the debugger and permits sending input from the debugger to applications. Further, JPDA is believed to be more stable than the sun.tools.debug API.

In the specification, please replace the paragraph beginning on Page 7, line 3, with "In as much as the existing ICAT does not ..." with the following paragraph:

In as much as the existing ICAT does not support [[JPDA]] JPDA , and whereas [[JPDA]] JPDA provides improved functionality and stability for Java application program development, testing, and debugging, there is a need in the art for a system and method such as ICAT which supports [[JPDA]] JPDA and its new functionality.

In the specification, please replace the paragraph beginning on Page 8, line 12, with "FIGURE 4 depicts the process ..." with the following paragraph:

FIGURE 4 depicts the process of launching an application by the present invention using [[JPDA]] JPDA.

Serial No. 09/801,589

David H. Evans

Page 16 of 21

In the specification, please replace the paragraph beginning on Page 8, line 16, with "FIGURE 6 depicts the process ..." with the following paragraph:

FIGURE 6 depicts the process of handling events by the present invention using ~~[[JDPA]]~~ JPDA.

In the specification, please replace the paragraph beginning on Page 8, line 20, with "FIGURE 8 depicts the process ..." with the following paragraph:

FIGURE 8 depicts the process of stepping through an application by the present invention using ~~[[JDPA]]~~ JPDA.

In the specification, please replace the paragraph beginning on Page 10, line 2, with "A method and system are disclosed ..." with the following paragraph:

A method and system are disclosed which provide improved source-level debugging capabilities of an object-oriented application program which may include linked native language dynamic load libraries. The improved debugger is compatible with the Java Platform Debugger Architecture (~~JDPA~~) ("JPDA"), and provides new capabilities such as patching of Java variables and reading and writing strings from and to the application under test and being run by a local or remote Java Virtual Machine.

Serial No. 09/801,589

David H. Evans

Page 17 of 21

In the specification, please replace the paragraph beginning on Page 11, line 6, with "Method names and interfaces ..." with the following paragraph:

Method names and interfaces used herein are consistent with Sun Microsystems' [[JDPA]] JPDA API version 1.0, which is well known in the art and for which documentation is freely available. Sun Microsystems provides a full reference set for [[JDPA]] JPDA from their web site or for purchase in print form. Specifically, the "Java[TM] Platform Debugger Architecture Java[TM] Virtual Machine Debug Interface Reference" is hereby incorporated by reference to this disclosure.

In the specification, please replace the ABSTRACT beginning on Page 40, line 1, with "A method and system are disclosed ..." with the following paragraph:

An improved source-level debugger for object-oriented application programs which may include linked native language dynamic load libraries. The debugger is compatible with the Java Platform Debugger Architecture ("JPDA") (~~JDPA~~), and provides new capabilities such as patching of Java variables and reading and writing strings from and to the application under test and being run by a local or remote Java Virtual Machine.